

Title (en)

Device for straightening and stabilising the spine

Title (de)

Vorrichtung zum Aufrichten und Stabilisieren der Wirbelsäule

Title (fr)

Dispositif de redressement et stabilisation du rachis

Publication

**EP 1308134 A3 20030709 (DE)**

Application

**EP 02024098 A 20021029**

Priority

DE 10154163 A 20011103

Abstract (en)

[origin: EP1308134A2] The vertebral column straightening and stabilizing device includes a hollow cylindrical supporting implant (7) which is placed on the circular cylindrical pressure line (2) extending through a guide sleeve (1), such that the supporting implant can be plastically expanded with an internal pressure.

IPC 1-7

**A61B 17/70**; **A61M 25/10**

IPC 8 full level

**A61B 17/56** (2006.01); **A61B 17/70** (2006.01); **A61B 17/88** (2006.01); **A61F 2/958** (2013.01); **A61B 17/00** (2006.01); **A61B 17/02** (2006.01)

CPC (source: EP US)

**A61B 17/7097** (2013.01 - EP US); **A61B 17/8858** (2013.01 - EP US); **A61M 25/10** (2013.01 - EP US); **A61B 2017/00539** (2013.01 - EP US); **A61B 2017/00557** (2013.01 - EP US); **A61B 2017/0256** (2013.01 - EP US); **A61M 2025/1004** (2013.01 - US); **A61M 2210/02** (2013.01 - EP US)

Citation (search report)

- [X] US 6127597 A 20001003 - BEYAR MORDECHAY [IL], et al
- [X] WO 0176514 A2 20011018 - KYPHON INC [US], et al
- [A] US 5599301 A 19970204 - JACOBS JAMES M [US], et al
- [A] WO 9856301 A1 19981217 - KYPHON INC [US], et al

Cited by

DE102004057977B3; EP1495725A1; EP2351539A3; AU2006297519B2; DE102020113300A1; WO2006053210A1; US9687255B2; US10588646B2; DE102020102100A1; WO2021152148A1; US8157806B2; US8267971B2; US8663294B2; EP2206469A2; US8080061B2; US9956085B2; US10881520B2; US11406508B2; US11701233B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1308134 A2 20030507**; **EP 1308134 A3 20030709**; **EP 1308134 B1 20070103**; AT E349958 T1 20070115; DE 10154163 A1 20030522; DE 50209149 D1 20070215; ES 2280474 T3 20070916; JP 2003180700 A 20030702; US 10357291 B2 20190723; US 11051862 B2 20210706; US 2003088249 A1 20030508; US 2009069850 A1 20090312; US 2013310877 A1 20131121; US 2016157898 A1 20160609; US 2018153594 A1 20180607; US 2019008566 A1 20190110; US 8491591 B2 20130723; US 9295502 B2 20160329; US 9861401 B2 20180109

DOCDB simple family (application)

**EP 02024098 A 20021029**; AT 02024098 T 20021029; DE 10154163 A 20011103; DE 50209149 T 20021029; ES 02024098 T 20021029; JP 2002346496 A 20021025; US 201313924881 A 20130624; US 201615044367 A 20160216; US 201715833011 A 20171206; US 201816124282 A 20180907; US 26821508 A 20081110; US 28645802 A 20021101